

**Abstract**

The present invention relates to a method of preventing and/or treating asthma in animals including humans using natural compound Luteolin, said method comprising administering therapeutically effective dose of the Luteolin and leading to level of IFN-  
5 gamma increasing to normal level, levels of IL-5, IL-4, and IgE decreasing to normal level, and further, said method inhibits airway constriction, and airway hyperreactivity.